



AF (JW)

Docket No.: V0690.0025  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Feng Chen

Application No.: 10/809,862

Confirmation No.: 7593

Filed: March 26, 2004

Art Unit: 1651

For: METHODS FOR PRODUCTION OF  
ASTAXANTHIN FROM THE GREEN  
MICROALGAE CHLORELLA IN DARK-  
HETEROTROPHIC CULTURES

Examiner: L. E. Barnhart

**AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated June 10, 2005, please reconsider the above-identified U.S. patent application amended as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

**FEE CALCULATION**

Any additional fee required has been calculated as follows:

\_\_\_\_\_ If checked, Small Entity status is claimed

	No. Claims After Amendment		Highest No. Previously Paid For		Extra Present		Rate	Additional Fee
Total	16	MINUS	20**	=	0	X		\$
Indep.	1	MINUS	3**	=	0	X		\$
First presentation of multiple dependent claim(s)						X		\$
TOTAL								\$ -0-

\* not less than 20

\*\* not less than 3

In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee during the prosecution of this application is not paid, the Patent Office is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 50-2215.

**CONTINGENT EXTENSION REQUEST**

If this communication is filed after the shortened statutory time period had elapsed and no separate Petition is enclosed, the Commissioner of Patents and Trademarks is petitioned, under 37 C.F.R. § 1.136(a), to extend the time for filing a response to the outstanding Office Action by the number of months which will avoid abandonment under 37 C.F.R. § 1.135. The fee under 37 C.F.R. § 1.17 should be charged to our Deposit Account No. 50-2215.